

From: [Johnson, KarenD](#)
To: [Nelson, Mark](#)
Subject: RE: Hampton Roads Proposal
Date: Monday, January 11, 2016 9:45:52 AM

Mark- Is Chesapeake injecting into the Potomac formation? If not, which formation, and what kind of pressures are they using, and what kinds of volumes are they injecting/recovering??

From: Nelson, Mark
Sent: Monday, January 11, 2016 9:22 AM
To: Johnson, KarenD <Johnson.KarenD@epa.gov>
Subject: RE: Hampton Roads Proposal
Craig Maples, Water Resources Administrator
City of Chesapeake
Chesapeake Water Treatment Plant
3350 Battlefield Blvd S
Chesapeake, VA 23322
(757) 382-3550

From: Johnson, KarenD
Sent: Monday, January 11, 2016 8:55 AM
To: rogers, rick <rogers.rick@epa.gov>
Cc: Nelson, Mark <Nelson.Mark@epa.gov>
Subject: RE: Hampton Roads Proposal

I'm going through the power point now.. It took a while to find it. Mark- if printing it is pages 104-156 in the minutes pages.. I'm still trying to find out their intentions for the "recovery" part of an Aquifer storage and recovery classification of a well it really just looks like they plan to "recharge the aquifer, due to salt water intrusion, etc. they are also class V wells. The permit process could be minimal. I just don't want this to be what we've seen in VA before.. DEQ doesn't want to permit the surface water discharge, so they have told companies to come to EPA to get a permit to inject the waste water effluent before... they actually tried to have us allow this for a chromium waste once!

From: rogers, rick
Sent: Monday, January 11, 2016 8:47 AM
To: Johnson, KarenD <Johnson.KarenD@epa.gov>
Cc: Nelson, Mark <Nelson.Mark@epa.gov>
Subject: FW: Hampton Roads Proposal

FYI – I got an initial email from Jon about this on Friday morning when I was heading out from home. I advised him that this project would need UIC permits and planned on tying you in. I got tied up in a number of personal things and when I caught back up to the email chains I saw that you were tied in. I'm not sure if Jon ever forwarded this link. In the minutes, there is a link to a powerpoint presentation that gives some additional details on their proposal. Sounds like multiple injection wells from multiple WWTPs.

I'm wondering, do current UIC regs that apply hear take into account emerging contaminants at PPT levels in a wastewater effluent such as pharmaceuticals and personal care products or do they focus on the currently regulated/NPDES permitted contaminants? I am guessing Region 9 or CA has a lot of experience in this sort of thing.

"I would like to be able to say with authority what the UIC permitting process might entail. Individual permit or GP? What class of well? What is anything special might be required in terms of public notice./input on a proposal of this size. Since we are DI authority in VA."

Karen, - I think one of your messages answered most of these questions, but in case not, could you or Mark outline some brief answers to Jon so he can get them on his iPhone?

Thanks,

Rick

[illegible]

Rick Rogers, Associate Director

Office of Drinking Water and Source Water Protection (3WP20)

Water Protection Division

U.S. EPA Region 3

1650 Arch Street

Philadelphia, PA 19103

Tele: 215.814.5711

Fax: 215.814.3163

rogers.rick@epa.gov

From: Capacasa, Jon

Sent: Friday, January 08, 2016 8:59 AM

To: Gilinsky, Ellen <Gilinsky.Ellen@epa.gov>

Subject: RE: Hampton Roads Proposal

When in doubt, Google it!

Here is what I found – Meeting minutes and a Power Point presentation on the web.

http://www.hrsd.com/pdf/Commission%20Minutes/2015/08-25-15_Draft_Commission_Minutes.pdf

From: Gilinsky, Ellen

Sent: Friday, January 08, 2016 8:51 AM

To: Capacasa, Jon <Capacasa.jon@epa.gov>

Subject: RE: Hampton Roads Proposal

Thanks Jon. I actually talked to Shawn about it too yesterday when I was on the phone with him about our planned Ag farm tour. It would be great to get any information – I agree that Paylor is problem looking to solve two problems at once. And YES I remember that we didn't want to do UIC permits in Virginia!

I will be at the meeting as Joel asked me to cover (its amazing to have a boss again who asks me to do things for him). So see ya Monday.

Ellen Gilinsky

Ellen Gilinsky, Ph.D.

Senior Policy Advisor

Office of Water

1200 Pennsylvania Ave, NW

Room 3219B EPA East, MC 4101M

Washington, DC 20460

Phone: 202-564-2549

Cell: 202-236-6882

Email: Gilinsky.ellen@epa.gov

From: Capacasa, Jon

Sent: Friday, January 08, 2016 8:48 AM

To: Gilinsky, Ellen <Gilinsky.Ellen@epa.gov>

Subject: Hampton Roads Proposal

Hi Ellen - just got back from the Great Lakes talking to a committee about lessons learned from Bay nutrient control program and TMDL> Lake Erie focused subcommittee to ramp up action plans for the renewed issues with the Lake.

I am planning to attend along with Shawn for the briefing on Monday from Hampton Roads. I have staff trying to track down any information on this in advance but so far pretty slim.

The only thing I know for sure is that a proposal for GW recharge and recovery would require a UIC permit from our Division. VA Is not authorized for the UIC program so we do the permitting here.

Collecting what background we can on the project but it is all new information at this point.

I assume it has something to do with coastal salt water intrusion and pumping water into formation during abundance times and recovering the water during dry times.

What do you suggest we do to gather more background. My staff have a call into DEQ but nothing yet to share.

Jon

Jon M. Capacasa, P.E.

Director

Water Protection Division

EPA Region III

1650 Arch Street

Philadelphia, PA 19103

215-814-5422

capacasa.jon@epa.gov